

In the Claims:

Please amend the claims as follows:

1. (currently amended) A method for recording the position of at least one component (6, 8, 10) in a location system (28) of a control system of an industrial facility (30) for an industrial process, ~~characterized by~~ the method comprising:

- a) creating a model of the facility, including position coordinates for major parts of the facility,
- b) storing the model in a location system storage means,
- c) identifying a component in the facility,
- d) placing a mobile information processing device (63) adjacent the component and detecting position coordinates for the mobile information processing device, and
- e) storing identification information of the component and position coordinates of the mobile information processing device in the location system storage means.

2. (currently amended) A The method according to claim 1, ~~characterized by~~ repeating further comprising:

repeating steps c, d and e for each component that is to be recorded in the location system.

3. (currently amended) A The method according to ~~any of the preceding claims~~, ~~characterized by~~ claim 1, further comprising:

using a positioning system, ~~such as a global positioning system~~, to detect the position coordinates of each position in a geographical area of the model.

4. (currently amended) A ~~The~~ method according to ~~any of the preceding claims~~, ~~characterized by claim 1, further comprising:~~

using one or more nodes of wireless communication means to detect the position coordinates of each position in the model of the geographical area.

5. (currently amended) A ~~The~~ method according to ~~any of the preceding claims~~, ~~characterized by claim 1, further comprising:~~

using a wireless local area network to detect the position coordinates of each position in the model of the geographical area.

6. (currently amended) A ~~The~~ method according to ~~any of the preceding claims~~, ~~characterized by claim 1, further comprising:~~

using button means (64) or other input means (61, 62) to store the identification information of the component and position coordinates of the mobile information processing device in the location system.

7. (currently amended) A ~~The~~ method according to ~~any of the preceding claims~~, ~~characterized by claim 1, further comprising:~~

using a data display means (20) to store the identification information of the component and position coordinates of the mobile information processing device in the location system.

8. (currently amended) A The method according to ~~any of the preceding claims~~,
characterized by claim 1, further comprising:
using wireless communication means (61) to store the identification information of the component and position coordinates of the mobile information processing device in the location system.

9. (currently amended) A The method according to ~~any of the preceding claims~~,
characterized by claim 1, further comprising:
using a positioning system, ~~such as a global positioning system~~, to detect the position coordinates of the location of the mobile information processing device.

10. (currently amended) A The method according to ~~any of the preceding claims~~,
characterized by claim 1, further comprising:
using wireless means to detect the position coordinates of the location of the mobile information processing device.

11. (currently amended) A The method according to ~~any of the preceding claims~~,
characterized in that claim 1, wherein a component comprises individual identification means (65a, 65b, 65c) attached to the component, such as a tag, e.g. bar code, a radio frequency tag or a wireless technology link and by the method further comprising:
identifying the component in the control system by the individual identification means on the component.

12. (currently amended) A The method according to ~~any of the preceding claims~~,
~~characterized in that claim 1, wherein~~ the control system comprises image recognition means of
the component, the method further comprising: and by
identifying the component in the control system by the image recognition means.

13. (currently amended) A The method according to ~~any of the preceding claims~~,
~~characterized by claim 1, further comprising:~~
creating means to create position coordinates for a component in the location system
when implementing the component in the control system.

14. (currently amended) A The method according to ~~any of the preceding claims~~,
~~characterized by claim 1, further comprising:~~
identifying a component in the location system by navigating through a corresponding
control system.

15. (currently amended) A The method according to ~~any of the preceding claims~~,
~~characterized by claim 1, further comprising:~~
separating the model of the facility in sub-areas, ~~wherein (21, 22, 23, 24, 25, 26, 27) and~~
~~that~~ each component located in that sub-area also has a sub-area position coordinate in the
location system.

16. (currently amended) A The method according to ~~any of the preceding claims~~,

~~characterized by claim 1, further comprising:~~

locating a component in a physical implementation by the location coordinates of the component in the location system.

17. (currently amended) A The method according to ~~any of the preceding claims~~,
~~characterized in that claim 1, wherein~~ clicking on a component or a sub-area in the location system selects that component or sub-area.

18. (currently amended) A The method according to ~~any of the preceding claims~~,
~~characterized in that claim 1, wherein~~ the graphical representation of the location system is a data display picture ~~such as a spread sheet, a drawing and/or a diagram~~.

19. (currently amended) A The method according to ~~any of the preceding claims~~,
~~characterized in that claim 1, wherein~~ the mobile information processing device communicates with the control system through a cable between the device and the component, or the control system.

20. (currently amended) A computer program product, comprising:
a computer readable medium; and
programming instructions recorded on the computer readable medium to control a computer or a computer process to make it perform a method ~~in an industrial system for recording the position of at least one component in a location system of a control system of an industrial facility for an industrial process, according to any of claims 1-19 including~~

creating a model of the facility, including position coordinates for major parts of the facility,

storing the model in a location system storage means,

identifying a component in the facility,

placing a mobile information processing device adjacent the component and detecting position coordinates for the mobile information processing device, and

storing identification information of the component and position coordinates of the mobile information processing device in the location system storage means.

21. (currently amended) Use of a computer program according to claim 20 to control a computer or a computer process to make it perform a method in an industrial system for recording the position of at least one component in a location system of a control system of an industrial facility for an industrial process, ~~according to any of claims 1-19.~~

22. (cancelled)

23. (currently amended) A graphical user interface for recording the position of at least one component in a location system of a control system of an industrial facility for an industrial process, the graphical user interface characterized by comprising:

- a) display means to display said at least one component,
- b) display means to display position coordinates for said component, and
- c) input means to register the position coordinates of said component.

24. (currently amended) A The graphical user interface according to claim 23, ~~characterized by~~ further comprising:

- a) input means to register identification information of the component; and
- b) input means to register position coordinates of the mobile information.

25. (currently amended) A The graphical user interface according to ~~any of claims 23-24, characterized by~~ claim 23, further comprising:

display means to identify a component.

26. (currently amended) A The graphical user interface according to ~~any of claims 23-25, characterized by~~ claim 23, further comprising:

input means to register the position coordinates for the mobile information processing device.

27. (currently amended) A The graphical user interface according to ~~any of claims 23-26, characterized by~~ claim 23, further comprising:

- a) display means for creating a model of the facility, including position coordinates for major parts of the facility such as sub-areas, and
- b) input means to register position coordinates of the model.

28. (currently amended) A system for recording the position of at least one component in a location system of a control system of an industrial facility for an industrial process ~~characterized by~~, comprising:

a mobile information processing device, such as a mobile hardware Personal Digital Assistant (PDA),

a computer program,

graphical user interface,

a positioning system such as indoor or outdoor GPS, positioning by WLAN or other standards or protocols, or GSM,

a location system, and and,

a computer such as a tablet personal computer.

29. (currently amended) A The system according to claim 28, characterized by, further comprising:

wireless access to information, for instance via General Packet Radio Service (GPRS), WLAN, Bluetooth or other similar standards or protocols.

30. (currently amended) A mobile information processing device for recording the position of at least one component in a location system of a control system of an industrial facility for an industrial process, comprising: characterized in that the device comprises

a processor (40),

memory means (41),

standard interface (44), and

input means.

31. (currently amended) A The device according to claim 30, characterized in that the

~~device comprises~~ further comprising:

a radio antenna, (46) and
radio receiver/transmitter hardware (45), and
wireless means.

32. (currently amended) A The device according to claim 30-31, ~~characterized in that it~~
~~also comprises~~ 30, further comprising:

a wireless hardware member.

33. (currently amended) A The device according to claim 30-32, ~~characterized in that~~
claim 30, wherein the wireless communication means is compatible with the ISM band with
significant interference suppression means by spread spectrum technology.

34. (currently amended) A The device according to claim 30-33, ~~characterized in that~~
claim 30, wherein the wireless communication means is compatible with a protocol wherein each
data packet may be re-sent one or more times per second at different frequencies in the spectrum.

35. (currently amended) A The device according to ~~any of claims 30-34, characterized~~
~~in that the device comprises~~ claim 30, further comprising:

a configurable hardware I/O input/output interface (~~input/output interface~~) (42).

36. (currently amended) A computerised industrial system, comprising: ~~including~~
means to perform a method in an industrial system for recording the position of at least

one component in a location system of a control system of an industrial facility for an industrial process, according to ~~any of claims 1-19~~ claim 1.

37. (currently amended) A database, comprising: ~~containing~~ information to be used in a method in an industrial system for recording the position of at least one component in a location system of a control system of an industrial facility for an industrial process, according to ~~any of claims 1-19~~ claim 1.

38. (currently amended) A website, comprising: means to perform a method in an industrial system for recording the position of at least one component in a location system of a control system of an industrial facility for an industrial process, according to ~~any of claims 1-19~~ claim 1.

39. (currently amended) A data communication signal for recording the position of at least one component in a location system of a control system of an industrial facility for an industrial process, characterized by the data communication signal comprising: position information for a position of a mobile information processing device.

40. (currently amended) A data communication signal for recording the position of at least one component in a location system of a control system of an industrial facility for an industrial process, characterized by the data communication signal comprising: identification information of the component.

41. (new) The method according to claim 3, wherein the positioning system comprises a global positioning system.

42. (new) The method according to claim 9, wherein the positioning system comprises a global positioning system.

43. (new) The method according to claim 11, wherein the individual identification means comprises a tag.

44. (new) The method according to claim 43, wherein the tag comprises a bar code, a radio frequency tag or a wireless technology link.

45. (new) The method according to claim 18, wherein the data display picture comprises at least one of a spread sheet, a drawing or a diagram.

46. (new) The method according to claim 28, wherein the mobile information processing device comprises a mobile hardware Personal Digital Assistant.

47. (new) The method according to claim 28, wherein the positioning system comprises indoor or outdoor GPS, positioning by WLAN or other standards or protocols, or GSM.

48. (new) The method according to claim 28, wherein the computer comprises a tablet personal computer.

49. (new) The system according to claim 29, wherein the wireless access to information comprises General Packet Radio Service, VLAN, or Bluetooth.